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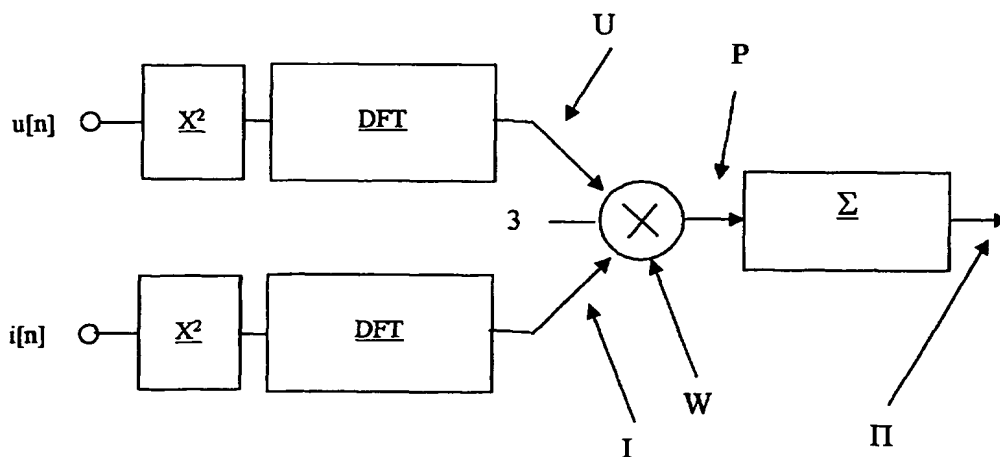
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(54) Title: MEASURING METHOD FOR DECIDING DIRECTION TO A FLICKERING SOURCE



(57) Abstract: The present invention relates to a method for deciding the direction to a flickering source in relation to a measurement point in an electrical network with alternating current with a network frequency (f_c) with low-frequency amplitude variation from the flickering source. The invention is characterized in that the method comprises the steps: - recording of an amplitude-modulated current signal ($i(n)$) comprising signals that originate from the network frequency (f_c) and the low-frequency amplitude variations in the current signal ($i(n)$); - recording of an amplitude-modulated voltage signal ($u(n)$) comprising signals that originate from the network frequency (f_c) and the low-frequency amplitude variations in the voltage signal ($u(n)$); - creation of a flicker power with a sign value by multiplication of the low-frequency amplitude variations in the current signal and the low-frequency amplitude variations in the voltage signal, and - analysis of the sign value, with the sign value indicating in which direction the flickering source is to be found in relation to the measurement point. The method also comprises an arrangement designed to be used when carrying out the method.